

# SOL8SDI

## SOLO8 HDMI/Composite to SDI Converter

### Overview:

The SOLO8 Software Defined Radio is an ultra-miniature COFDM digital video transceiver from Domo Tactical Communications (DTC), designed specifically for Point-of-View (PoV), body-worn and concealment applications.

The SOLO8 HDMI/Composite to SDI Converter is an accessory designed to expand the range of possible video sources for the SOLO8 Software Defined Radio product range.

Designed with size and simplicity in mind the converter accessory is powered by SOLO8 based products over the same cable used for SDI video. Source and format switching is handled automatically so is seamless to the end user.



### Features and Benefits:

Accepts analogue PAL/NTSC composite video signals and converts to 625/525 SDI video standard

Accepts a range of SD/HD HDMI video standards and converts to SDI or HD-SDI as required

### Product information:

#### Product Includes:

AP008811	Quick Start Guide
CA2847	DIN 1.0/2.3 - HD BNC RG179 Cable Assembly
CA3044	MCX - HD BNC Cable Assembly

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## SOL08 HDMI/Composite to SDI Converter

### Technical specification:

#### IO

HDMI video/audio	Micro HDMI Type D
Composite video	DIN 1.0/2.3 (jack)
SDI or HD-SDI output	DIN 1.0/2.3 (cable plug)
Power	DIN 1.0/2.3 (cable plug)

#### Composite Video

Input formats	PAL NTSC
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#### HDMI Video

Input formats	1920x1080i 60/59.94Hz 1920x1080i 50Hz 1920x1080p 30/29.97Hz 1920x1080p 25Hz 1920x1080p 24/23.98Hz 1920x1080psf 30/29.97Hz 1920x1080psf 25Hz 1920x1080psf 24/23.98Hz 1280x720p 60/59.94Hz 1280x720p 50Hz 720x576i 50Hz 720x480i 59.94Hz
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#### HDMI Audio

Embedded audio	I2S0 and I2S1 pass-through
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#### Dimensions

Including connectors	65mm x 30mm x 10mm (2.56in x 1.18in x 0.39in)
Excluding connectors	46mm x 30mm x 10mm (1.81in x 1.18in x 0.39in)

#### Weight

SOL8SDI	32g
CA2847	11g
CA3044	9g

#### Environmental

Temperature range	-10°C to +50°C
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#### Power Consumption

Typical	2.2W (5.5V via SDI power injection)
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Export of encrypted products is subject to United Kingdom regulatory export controls.

For further information contact your Sales Account Manager, one of our Regional Sales Offices, or email [solent.enquiries@domotactical.com](mailto:solent.enquiries@domotactical.com)

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